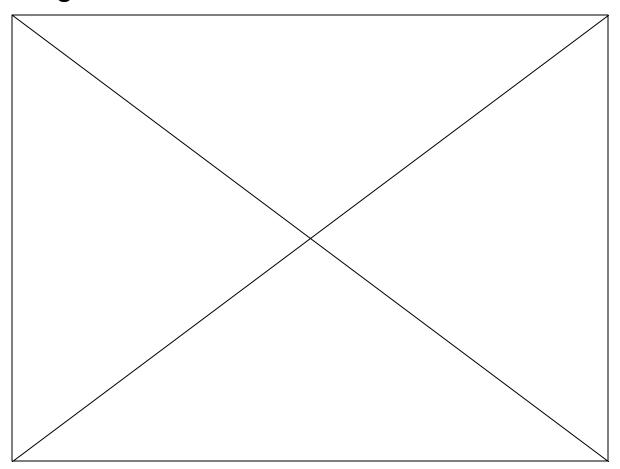# MacsBug 6.1

Overview

MacsBug 6.1–Apple's assembly language debugger for Macintosh computers–is ideal for programmers who want power, expandability, and reliability when developing professional applications for the Apple® Macintosh® computer.

MacsBug uses as little of the Macintosh system software as possible. This lets system programmers debug their software without having to worry about the debugger using the code they're debugging. But MacsBug isn't only a systems-level debugger. The high degree of interaction between a Macintosh application and the system also makes MacsBug a powerful tool for debugging applications.

MacsBug is an assembly-language debugger. If you're writing programs in a high-level language like C or Pascal, you'll more often want to use the Symbolic Application Debugging Environment (SADE$). SADE lets you debug your program at the source-code level.

Once MacsBug has been invoked, you can enter commands to:

· Display and set memory and registers.

· Disassemble memory.

· Set execution breakpoints.

· Step and trace through both RAM and ROM.

· Monitor system traps.

· Display and check the system and application heaps.

	Features	Benefits
	· Full Motorola 68000-family support	· Runs on the Macintosh Plus, Macintosh SE, and Macintosh II, IIx, and IIcx
	· Supports external displays on the Macintosh Plus and SE, as well as various screen sizes and bit depths on Macintosh II displays.	· There's no need to customize MacsBug for particular configurations since it determines the attributes of the machine at system startup.
	· Works with all versions of Macintosh system software, and is compatible with MultiFinder[s]	· No need to tailor your system for MacsBug; it will work with your current setup.
	· Is extensible through 'dcmd's with a built in external command interface	· Lets you add commands which act just like built-in commands.

System Requirements	To use MacsBug, you need the following system:	· An Apple Macintosh Plus, Macintosh SE, or Macintosh II, IIx, or IIcx personal computer
Ordering Information	MacsBug 6.1 APDA Order No. M7034/A	With your order, you'll receive: · One disk containing MacsBug, Debugger Prefs, Resources, MPW.r Files, and dcmds. · MacsBug Reference
	MacsBug is included with MPW bundles. See the MPW data sheet for details.	
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